

Fig. 1

30

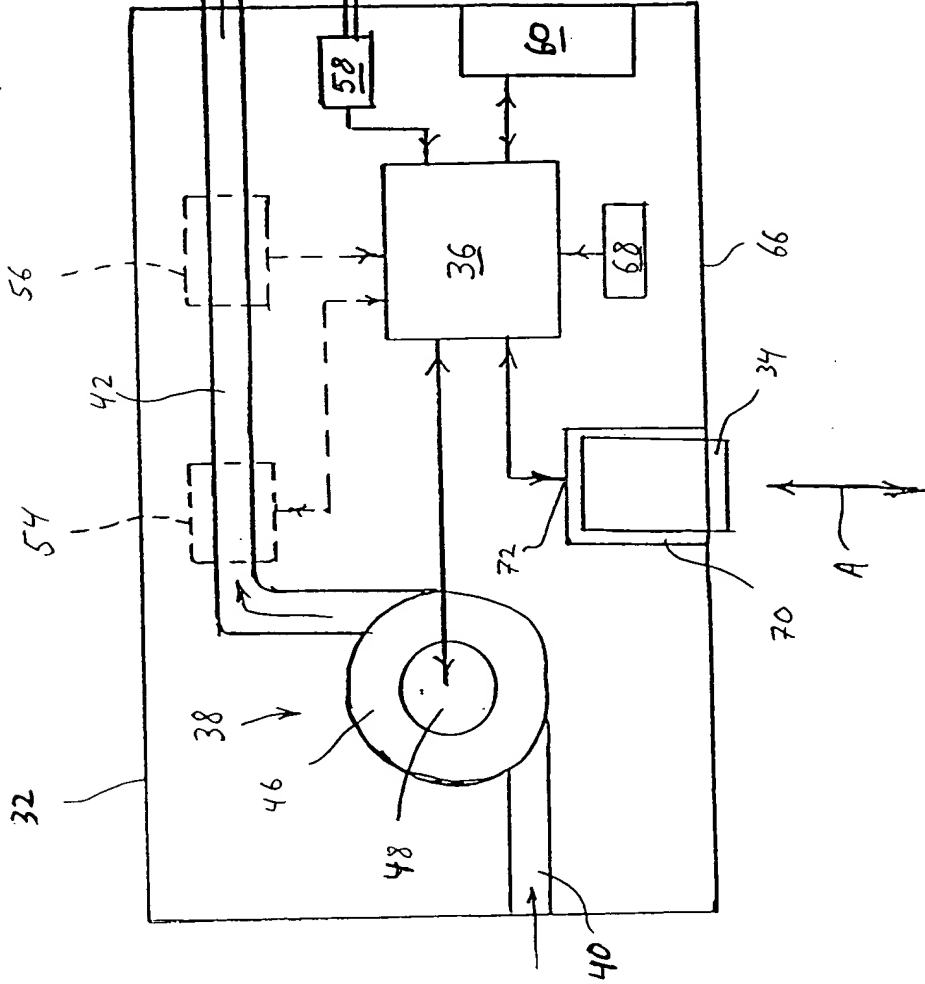


Fig. 1

THE UNIVERSITY OF CHICAGO

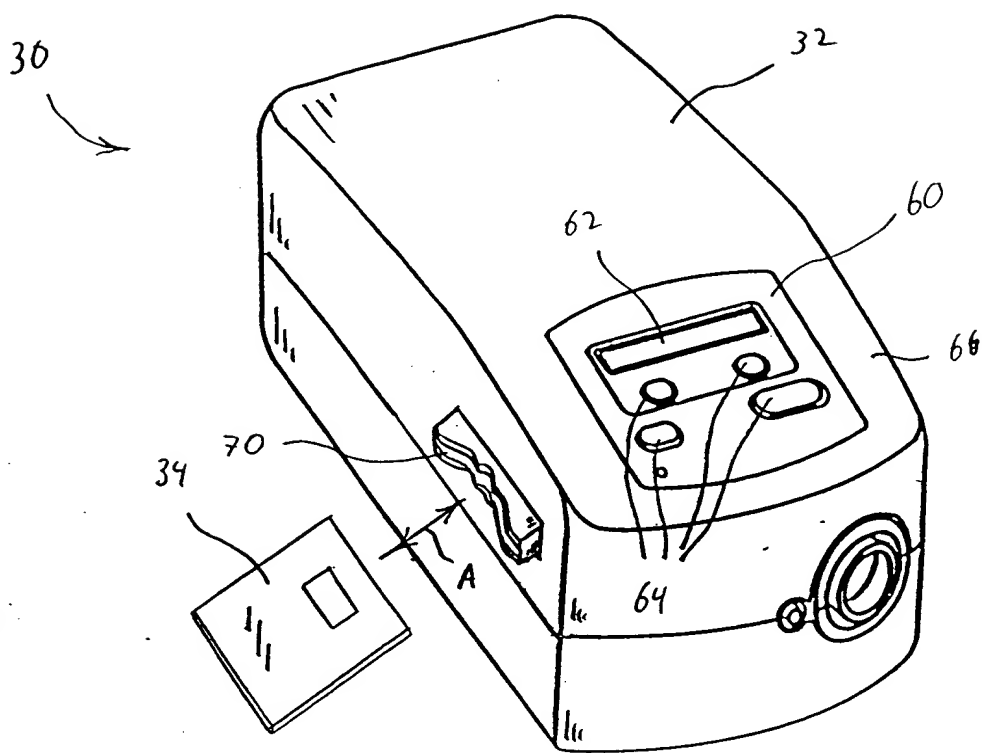


Fig. 2

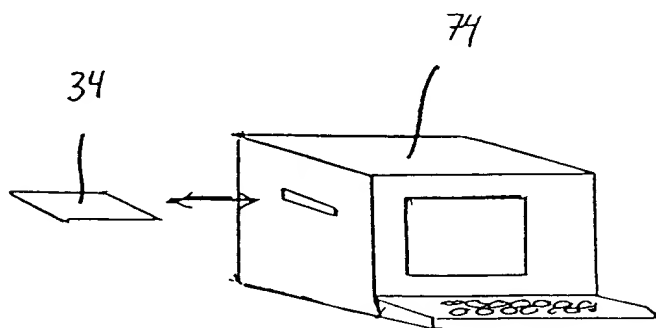
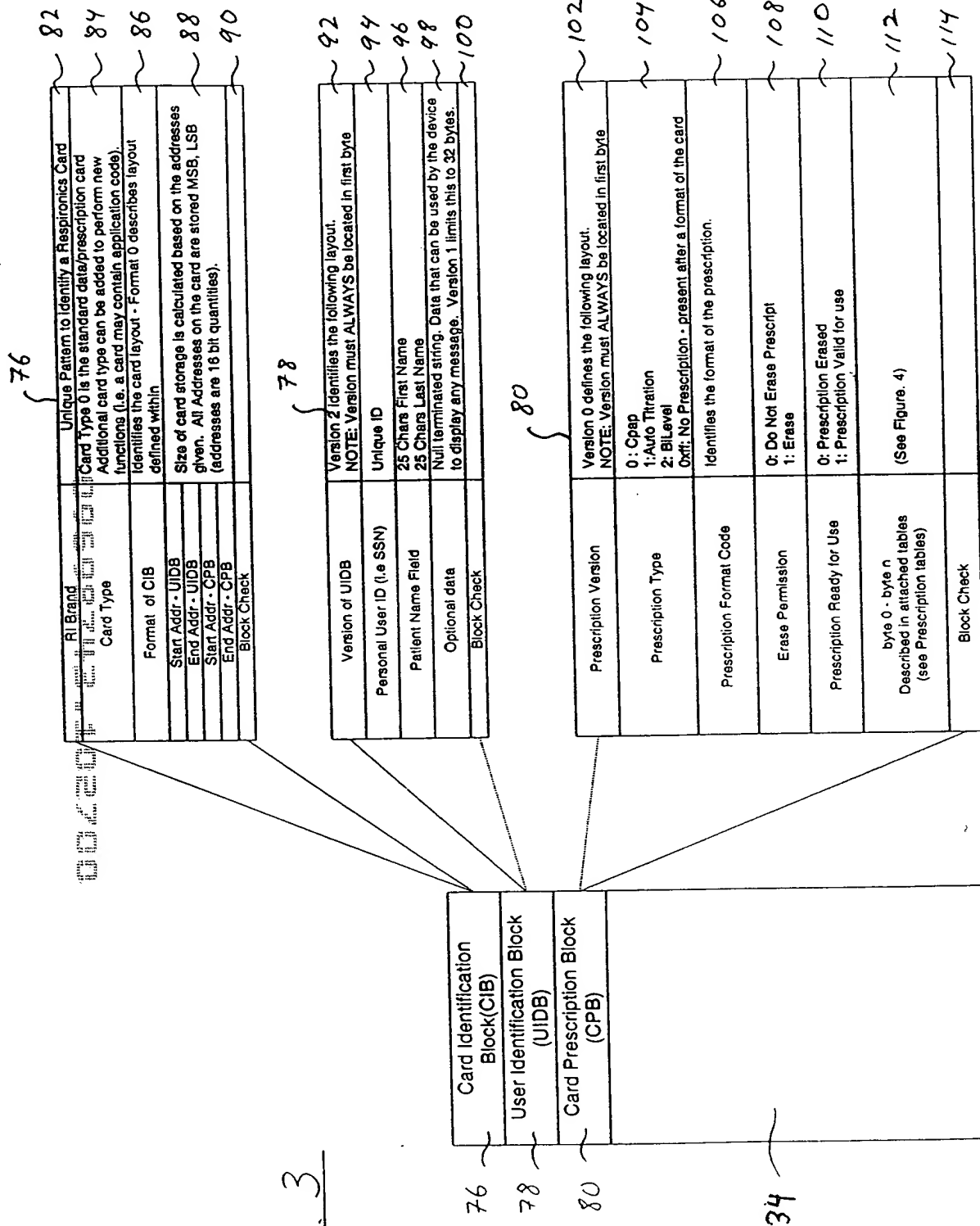


Fig. 3



1129

116
118
120
122
124

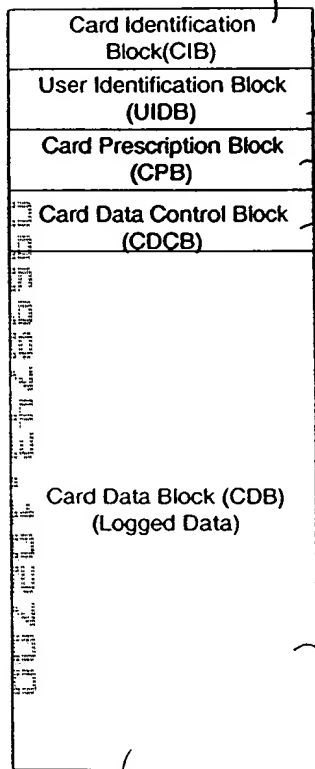
9211

126 128 122 124

112c

130
132
118'
120
122
124

Fig. 5



RI Brand	Unique Pattern to identify a Respiration Card
Card Type	Card Type 0 is the standard data/prescription card Additional card type can be added to perform new functions (i.e. a card may contain application code).
Format of CIB	Identifies the card layout - Format 0 describes layout defined within
Start Addr - UIDB	Size of card storage is calculated based on the addresses given. All Addresses on the card are stored MSB, LSB (addresses are 16 bit quantities).
End Addr - UIDB	
Start Addr - CPB	
End Addr - CPB	
Start Addr - CDCB	
End Addr - CDCB	
Start Addr - CDB	
End Addr - CDB	
Block Check	

Version of UIDB	Version 2 identifies the following layout. NOTE: Version must ALWAYS be located in first byte
Personal User ID (i.e SSN)	Unique ID
Patient Name Field	25 Chars First Name 25 Chars Last Name
Unit Serial Number	Contains SN of the Last unit the card was inserted into.
Unit Model Number	Contains MN of the Last unit the card was inserted into.
Optional data	Null terminated string. Data that can be used by the device to display any message. Version 1 limits this to 32 bytes.
Block Check	

Prescription Version	Version 0 defines the following layout. NOTE: Version must ALWAYS be located in first byte
Prescription Type	0: Cmap 1: Auto Titration 2: BiLevel 0xff: No Prescription - present after a format of the card
Prescription Format Code	Identifies the format of the prescription.
Erase Permission	0: Do Not Erase Prescript 1: Erase
Prescription Ready for Use	0: Prescription Erased 1: Prescription Valid for use
byte 0 - byte n Described in attached tables (see Prescription tables)	(See Figure. 4)
Block Check	

Version of CDCB	Specifies the layout of the CDCB. The layout defined here is version 0. NOTE: Version of CDCB must ALWAYS be located in first byte and ver of CDB in second.								
Version of CDB	Specifies the layout of the CDB. To allow for flexibility in the method and type of data storage, a 0xff in this field indicates No Version. The unit will set the version of the data upon insertion.								
Block Check of Version Numbers	This is here to allow a check of the version numbers. It is not of the entire block because each Control Block has a block check - and each time they are updated the main Block Check would also need updated.								
Control Block 1	<table><tr><td>U_BYTE</td><td>Validity Flag</td></tr><tr><td>U_INT16</td><td>Head Pointer</td></tr><tr><td>U_INT16</td><td>Tail Pointer</td></tr><tr><td>U_BYTE</td><td>Block Check</td></tr></table>	U_BYTE	Validity Flag	U_INT16	Head Pointer	U_INT16	Tail Pointer	U_BYTE	Block Check
U_BYTE		Validity Flag							
U_INT16	Head Pointer								
U_INT16	Tail Pointer								
U_BYTE	Block Check								
Control Block 2									

U_BYTE	Validity Flag
U_INT16	Head Pointer
U_INT16	Tail Pointer
U_BYTE	Block Check

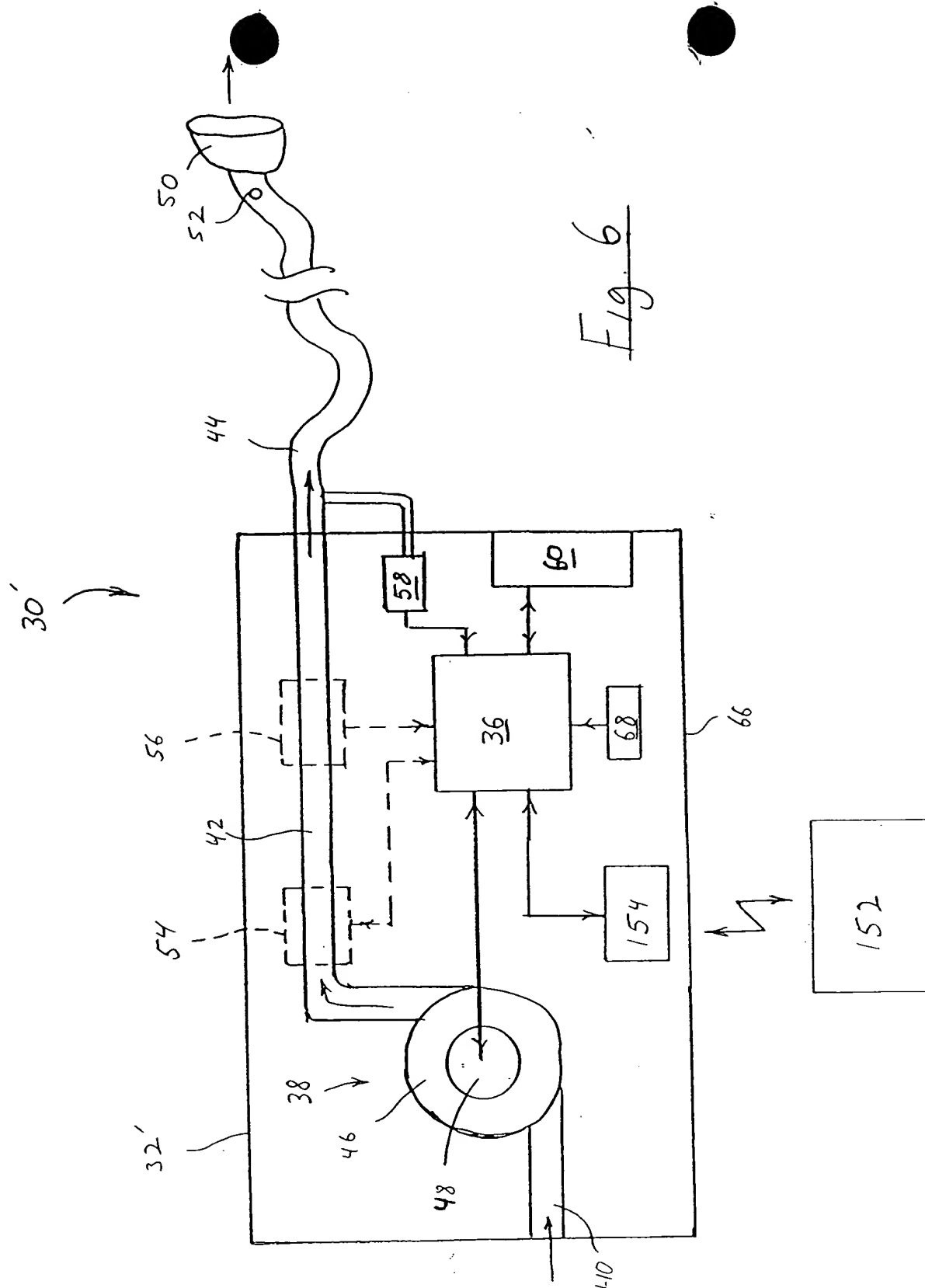
[illegible]

Fig. 6

004001 61286960

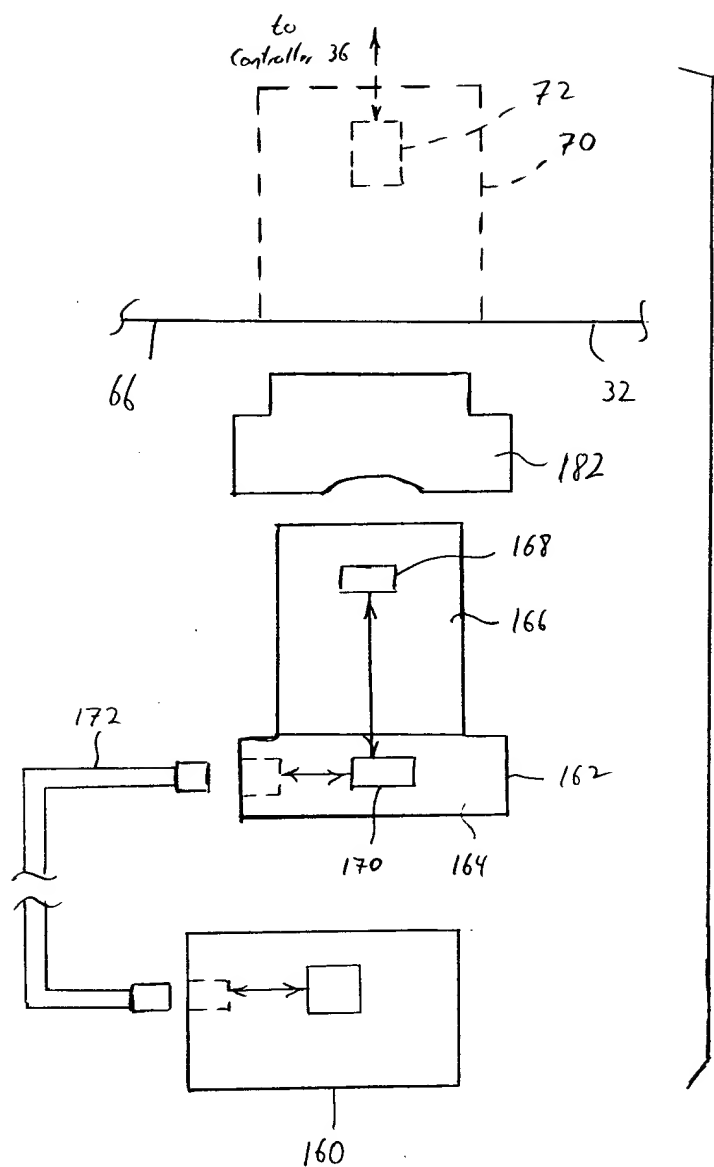


Fig. 7

00207-24285360

